



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

July 1991

MAY 1991

This bulletin covers 27 agricultural industries statewide, and from five to seventeen industries in each of six regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details). The data are organized into sets of tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

Total employment of 413,600 in agriculture for May 1991 (Table 1-A), was 20 percent above the April 1991 level, and 1,400 above the year-ago total. Month-over increases in the San Joaquin Valley (Crops Production and Farm Labor Contracting), Central Coast (Berries), and Desert (Farm Labor Contracting) accounted for most of the increase. Freeze-affected industries (Citrus, Horticulture and Crop Preparation Services for Market) remain below year-ago levels.

Wage and Salary Workers in Agricultural Establishments For May 1991 (In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	413.6	170.0	79.6	64.7	49.8	33.8	12.7
Total Crops	227.6	87.6	54.0	41.1	14.8	23.4	9.1
Total Livestock	27.2	14.1	2.9	1.3	5.2	2.2	2.0
Total Services	158.8	68.3	22.7	22.3	29.8	8.2	1.6

Source: Tables 1-A through 7-A, May 1991.

Regional Crop Activities

Statewide, year-over losses in Crops Production were more than offset by gains in Farm Labor Contracting. Losses in Agricultural Services and Crops Production in the San Joaquin Valley were offset by gains in the South Coast, Central Coast, and Sacramento Valley. (Tables 1-A through 7-A.)

According to the California Farm Labor Report (881A), the major regional crop activities during May were:

- Desert : Grapefruit (harvest) and Grapes (suckering, deleafing and thinning).
- South Coast: Horticulture, avocados and tomatoes (harvest), broccoli and strawberries (plant, cultivate and harvest).
- Central Coast: Horticulture (plant, cultivate and harvest), broccoli, cauliflower, lettuce and strawberries (harvest) and Vegetables (plant, cultivate and harvest).
- San Joaquin Valley: Orchards (thin), tomatoes and melons (thin and hoe), asparagus peaches, nectarines, and plums (harvest), Vegetables (plant, cultivate and harvest) and cotton (chop and hoe).
- Sacramento Valley: Peaches (thin).

Agricultural Production Workers

The May statewide agricultural production worker employment figure was 382,700 (Table 1-B); this was 22 percent above the April level.

Average weekly earnings for agricultural production workers were \$263.13 statewide and ranged from \$219.77 in the Desert Region to \$313.65 in the Central Coast Region. (Tables 1-C through 7-C.)

Statewide, the average hours worked by agricultural production workers were 42.1, with a low of 34.5 hours in the Desert Region and a high of 48.6 hours in the Sacramento Valley Region. (Tables 1-D through 7-D.)

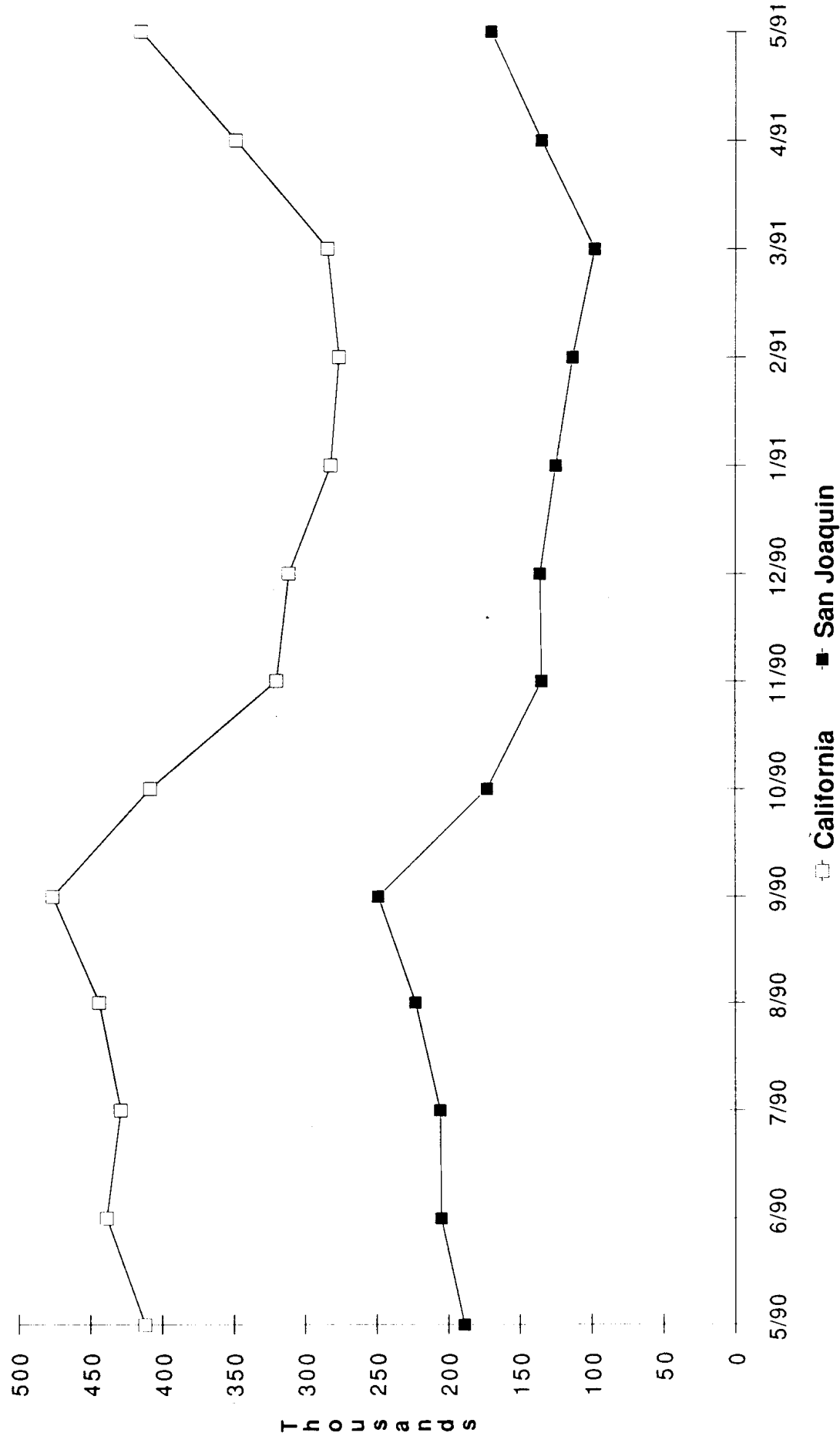
Average Hourly Earnings of Production Workers

For May 1991
(In Dollars per Hour)

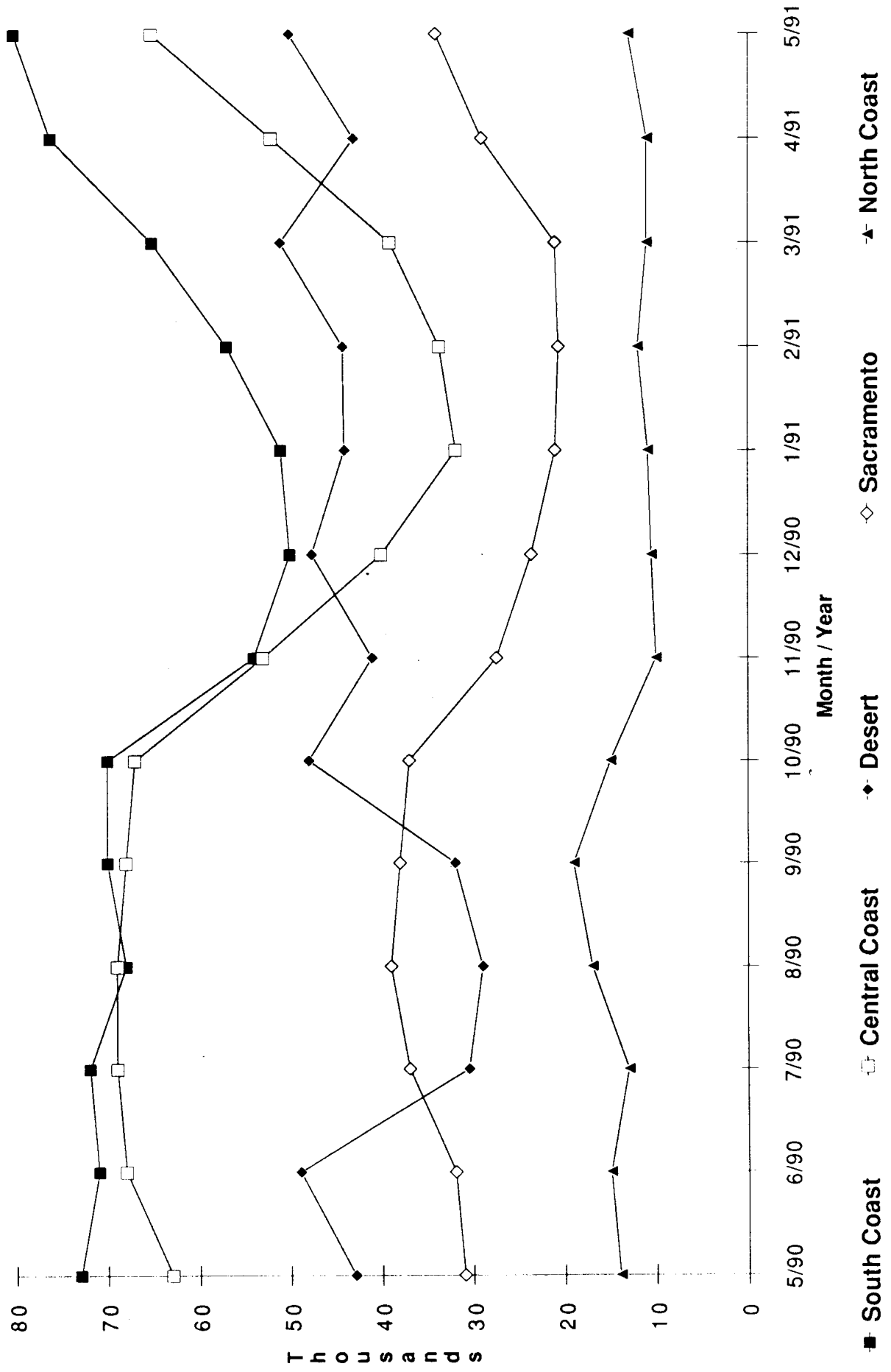
Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.25	5.64	6.65	7.38	6.37	5.84	7.23
Total Crops	6.26	5.70	6.55	7.27	5.94	5.82	7.38
Total Livestock	7.05	6.77	6.61	7.52	8.31	7.22	6.59
Total Services	6.09	5.29	6.94	7.58	6.17	5.50	7.35

Source: Tables 1-E through 7-E, May 1991.

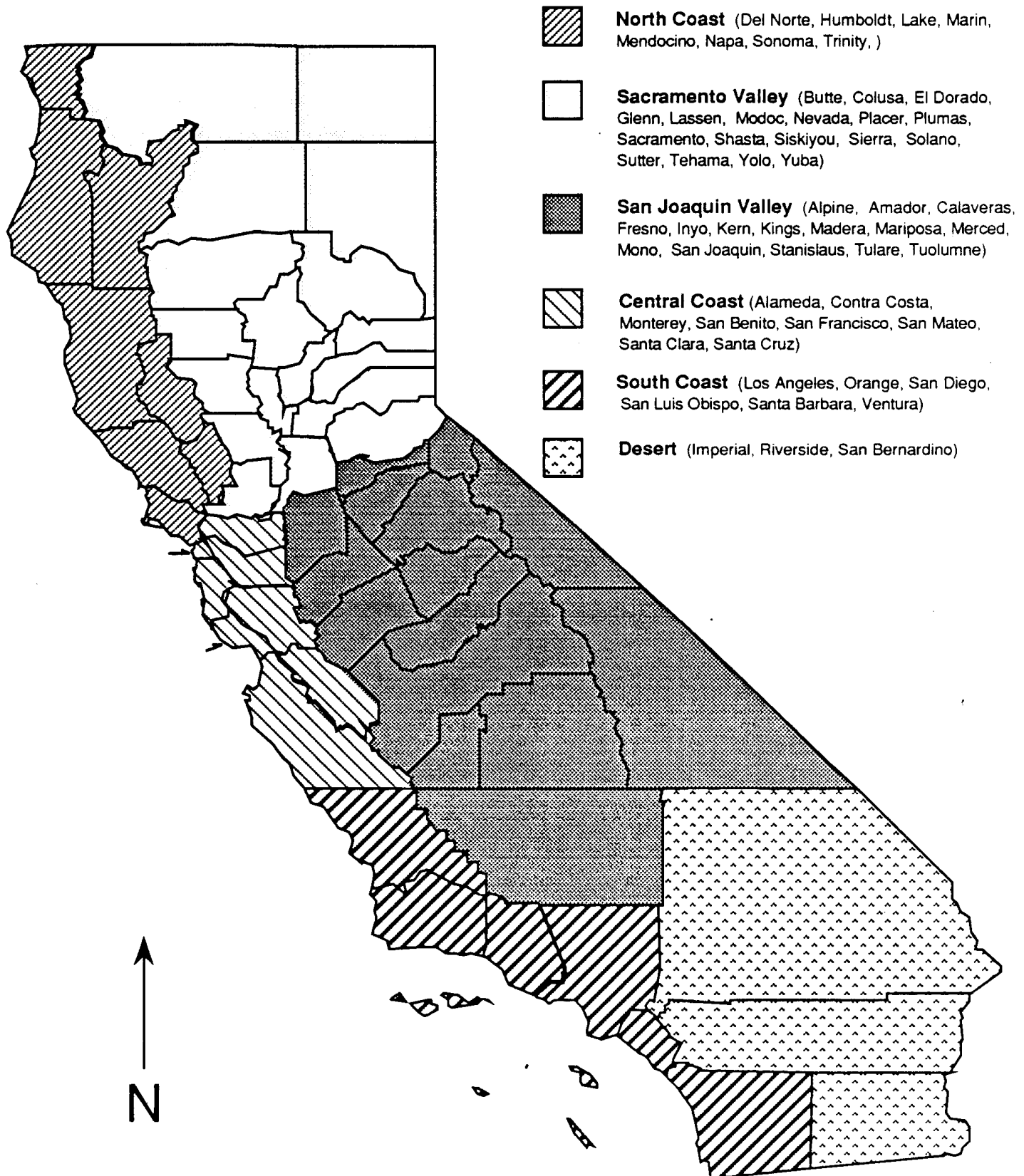
TOTAL WAGE & SALARY EMPLOYMENT **California and San Joaquin Region**



TOTAL WAGE & SALARY EMPLOYMENT **All Regions except San Joaquin**



CES-AG REPORTING REGIONS
LABOR MARKET INFORMATION DIVISION
EMPLOYMENT DEVELOPMENT DEPARTMENT



DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey of 4,000 agricultural employers. This sample, about 12% of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period. Since the full employer sample was not complete prior to October 1990, the data for production workers employment, earnings and hours are not yet available for year-over comparison.

DATA COMMENTS:

ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

- Employment data do not include employers or unpaid family workers.
- It is important to note that average hourly earnings are not hourly wage rates; they are gross earnings of production workers divided by total hours for production workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a new monthly sampling project: the Current Employment Statistics for Agriculture. Therefore, estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: ***Special Projects Unit, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-9994*** or call (916) 427-4961. (ATSS 8-466-4961).

TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991	MAY 1990
TOTAL AGRICULTURAL	413.6	345.5	412.2
TOTAL AGRIC. PROD. CROPS	227.6	188.3	229.6
CASH GRAINS	3.9	3.8	3.6
RICE	2.2	2.0	2.1
OTHER CASH GRAIN	1.7	1.8	1.5
FIELD CROPS EXCEPT CASH GRAIN	14.8	11.6	14.7
COTTON	8.3	6.6	8.1
OTHER FIELD CROPS	6.5	5.0	6.6
VEGETABLES AND MELONS	34.4	28.3	33.6
TOTAL FRUIT AND TREE NUTS	103.4	82.9	104.8
BERRIES	26.6	23.3	30.3
GRAPES	33.3	26.1	31.7
TREE NUTS	6.1	5.4	6.1
CITRUS FRUITS	5.4	5.7	6.5
DECIDUOUS TREE FRUIT	17.8	12.5	19.1
OTHER FRUITS AND NUTS	14.2	9.9	11.1
TOTAL HORTICULTURAL SPECIALTIES	32.6	31.2	35.5
ORNAMENTAL FLORAL & NURS PRD	29.6	28.3	31.9
FOOD CROPS GROWN UNDR COVER	3.0	2.9	3.6
GENERAL FARM PRIMARILY CROP	38.5	30.5	37.4
TOTAL AGRIC. PROD. LIVESTOCK	27.2	27.1	27.9
BEEF CATTLE FEED LOTS	0.8	0.9	1.0
BEEF CATTLE EXCEPT FEED LOTS	4.1	4.0	4.2
DAIRY FARMS	12.7	12.6	12.9
CHICKEN EGGS	3.2	3.3	3.3
TURKEYS & TURKEY EGGS	1.2	1.2	1.3
OTHER LIVESTOCK	5.2	5.1	5.2
TOTAL AGRICULTURAL SERVICES	158.8	130.1	154.7
SOIL PREPARATION SERVICES	1.1	1.0	1.0
CROP SERVICES	45.4	38.7	50.1
CROP PLANT-CULT-PROTECTION	5.7	5.2	6.3
CROP HARVEST PRIM. MACHINE	8.5	7.5	9.0
CROP PREP. SERV. FOR MARKET	30.3	25.2	33.9
COTTON GINNING	0.9	0.8	0.9
TOTAL FARM LABOR & MANAGEMENT	112.3	90.4	103.6
FARM LABOR CONTRACTORS	103.5	82.8	90.4
FARM MANAGEMENT SERVICES	8.8	7.6	13.2

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	382.7	313.9
TOTAL AGRIC. PROD. CROPS	208.8	169.3
CASH GRAINS	3.4	3.1
RICE	1.9	1.5
OTHER CASH GRAIN	1.5	1.6
FIELD CROPS EXCEPT CASH GRAIN	13.6	10.2
COTTON	7.8	6.0
OTHER FIELD CROPS	5.8	4.2
VEGETABLES AND MELONS	32.0	26.1
TOTAL FRUIT AND TREE NUTS	97.4	77.3
BERRIES	26.1	23.0
GRAPES	30.8	23.7
TREE NUTS	5.4	4.7
CITRUS FRUITS	4.9	5.4
DECIDUOUS TREE FRUIT	16.5	11.2
OTHER FRUITS AND NUTS	13.7	9.3
TOTAL HORTICULTURAL SPECIALTIES	27.2	25.6
ORNAMENTAL FLORAL & NURS PRD	24.6	23.0
FOOD CROPS GROWN UNDR COVER	2.6	2.6
GENERAL FARM PRIMARILY CROP	35.2	27.0
TOTAL AGRIC. PROD. LIVESTOCK	23.2	22.9
BEEF CATTLE FEED LOTS	0.7	0.7
BEEF CATTLE EXCEPT FEED LOTS	3.2	3.2
DAIRY FARMS	11.8	11.7
CHICKEN EGGS	2.4	2.4
TURKEYS & TURKEY EGGS	0.9	0.8
OTHER LIVESTOCK	4.2	4.1
TOTAL AGRICULTURAL SERVICES	150.7	121.7
SOIL PREPARATION SERVICES	0.8	0.7
CROP SERVICES	40.2	33.8
CROP PLANT-CULT-PROTECTION	4.7	4.2
CROP HARVEST PRIM. MACHINE	7.9	7.0
CROP PREP. SERV. FOR MARKET	27.1	22.1
COTTON GINNING	0.5	0.5
TOTAL FARM LABOR & MANAGEMENT	109.7	87.2
FARM LABOR CONTRACTORS	101.9	80.7
FARM MANAGEMENT SERVICES	7.8	6.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	263.13	262.29
TOTAL AGRIC. PROD. CROPS	276.69	276.79
CASH GRAINS	362.85	289.93
RICE	359.10	306.91
OTHER CASH GRAIN	368.37	272.75
FIELD CROPS EXCEPT CASH GRAIN	312.98	289.05
COTTON	326.70	274.97
OTHER FIELD CROPS	294.22	308.75
VEGETABLES AND MELONS	328.05	329.24
TOTAL FRUIT AND TREE NUTS	238.80	246.37
BERRIES	256.50	266.71
GRAPES	228.89	228.34
TREE NUTS	257.52	271.32
CITRUS FRUITS	281.05	280.50
DECIDUOUS TREE FRUIT	220.42	212.86
OTHER FRUITS AND NUTS	226.89	251.70
TOTAL HORTICULTURAL SPECIALTIES	306.57	289.35
ORNAMENTAL FLORAL & NURS PRD	303.92	284.58
FOOD CROPS GROWN UNDR COVER	331.62	331.25
GENERAL FARM PRIMARILY CROP	289.59	294.98
TOTAL AGRIC. PROD. LIVESTOCK	345.45	339.15
BEEF CATTLE FEED LOTS	371.22	361.56
BEEF CATTLE EXCEPT FEED LOTS	329.65	336.60
DAIRY FARMS	360.07	363.00
CHICKEN EGGS	282.63	274.56
TURKEYS & TURKEY EGGS	318.07	317.40
OTHER LIVESTOCK	352.22	314.93
TOTAL AGRICULTURAL SERVICES	232.64	228.16
SOIL PREPARATION SERVICES	574.82	576.33
CROP SERVICES	286.21	289.26
CROP PLANT-CULT-PROTECTION	305.18	304.85
CROP HARVEST PRIM. MACHINE	289.80	285.42
CROP PREP. SERV. FOR MARKET	280.03	285.25
COTTON GINNING	375.65	387.77
TOTAL FARM LABOR & MANAGEMENT	211.07	201.61
FARM LABOR CONTRACTORS	204.89	194.45
FARM MANAGEMENT SERVICES	289.84	286.29

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	42.1	41.7
TOTAL AGRIC. PROD. CROPS	44.2	44.5
CASH GRAINS	59.0	44.4
RICE	57.0	45.2
OTHER CASH GRAIN	61.6	43.5
FIELD CROPS EXCEPT CASH GRAIN	49.6	47.0
COTTON	49.5	45.3
OTHER FIELD CROPS	49.7	49.4
VEGETABLES AND MELONS	46.4	46.9
TOTAL FRUIT AND TREE NUTS	40.0	41.9
BERRIES	39.1	44.9
GRAPES	39.6	38.9
TREE NUTS	43.5	45.6
CITRUS FRUITS	38.5	39.9
DECIDUOUS TREE FRUIT	41.2	40.7
OTHER FRUITS AND NUTS	40.3	43.1
TOTAL HORTICULTURAL SPECIALTIES	46.1	45.0
ORNAMENTAL FLORAL & NURS PRD	46.4	45.1
FOOD CROPS GROWN UNDR COVER	42.9	43.7
GENERAL FARM PRIMARILY CROP	49.0	48.2
TOTAL AGRIC. PROD. LIVESTOCK	49.0	47.5
BEEF CATTLE FEED LOTS	53.8	51.8
BEEF CATTLE EXCEPT FEED LOTS	47.5	46.3
DAIRY FARMS	50.5	50.0
CHICKEN EGGS	44.3	42.9
TURKEYS & TURKEY EGGS	53.1	52.9
OTHER LIVESTOCK	46.9	42.5
TOTAL AGRICULTURAL SERVICES	38.2	36.8
SOIL PREPARATION SERVICES	55.7	55.9
CROP SERVICES	41.6	41.8
CROP PLANT-CULT-PROTECTION	46.1	46.9
CROP HARVEST PRIM. MACHINE	41.4	40.6
CROP PREP. SERV. FOR MARKET	41.0	41.4
COTTON GINNING	33.6	33.4
TOTAL FARM LABOR & MANAGEMENT	36.9	34.7
FARM LABOR CONTRACTORS	36.2	33.7
FARM MANAGEMENT SERVICES	45.5	46.4

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	6.25	6.29
TOTAL AGRIC. PROD. CROPS	6.26	6.22
CASH GRAINS	6.15	6.53
RICE	6.30	6.79
OTHER CASH GRAIN	5.98	6.27
FIELD CROPS EXCEPT CASH GRAIN	6.31	6.15
COTTON	6.60	6.07
OTHER FIELD CROPS	5.92	6.25
VEGETABLES AND MELONS	7.07	7.02
TOTAL FRUIT AND TREE NUTS	5.97	5.88
BERRIES	6.56	5.94
GRAPES	5.78	5.87
TREE NUTS	5.92	5.95
CITRUS FRUITS	7.30	7.03
DECIDUOUS TREE FRUIT	5.35	5.23
OTHER FRUITS AND NUTS	5.63	5.84
TOTAL HORTICULTURAL SPECIALTIES	6.65	6.43
ORNAMENTAL FLORAL & NURS PRD	6.55	6.31
FOOD CROPS GROWN UNDR COVER	7.73	7.58
GENERAL FARM PRIMARILY CROP	5.91	6.12
TOTAL AGRIC. PROD. LIVESTOCK	7.05	7.14
BEEF CATTLE FEED LOTS	6.90	6.98
BEEF CATTLE EXCEPT FEED LOTS	6.94	7.27
DAIRY FARMS	7.13	7.26
CHICKEN EGGS	6.38	6.40
TURKEYS & TURKEY EGGS	5.99	6.00
OTHER LIVESTOCK	7.51	7.41
TOTAL AGRICULTURAL SERVICES	6.09	6.20
SOIL PREPARATION SERVICES	10.32	10.31
CROP SERVICES	6.88	6.92
CROP PLANT-CULT-PROTECTION	6.62	6.50
CROP HARVEST PRIM. MACHINE	7.00	7.03
CROP PREP. SERV. FOR MARKET	6.83	6.89
COTTON GINNING	11.18	11.61
TOTAL FARM LABOR & MANAGEMENT	5.72	5.81
FARM LABOR CONTRACTORS	5.66	5.77
FARM MANAGEMENT SERVICES	6.37	6.17

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991	MAY 1990
TOTAL AGRICULTURAL	170.0	135.4	188.8
TOTAL AGRIC. PROD. CROPS	87.6	69.4	89.5
TOTAL FIELD CROPS	12.3	9.3	12.3
COTTON	8.1	6.1	7.8
OTHER FIELD CROPS	4.2	3.2	4.5
VEGETABLES AND MELONS	6.3	6.4	6.4
TOTAL FRUIT AND TREE NUTS	45.0	34.9	46.5
GRAPES	18.9	15.4	19.7
TREE NUTS	3.8	3.1	3.8
CITRUS FRUITS	2.2	2.1	3.2
DECIDUOUS TREE FRUIT	11.4	8.2	13.3
OTHER FRUITS AND NUTS	8.7	6.1	6.5
HORTICULTURAL SPECIALTIES	3.3	3.0	3.4
GENERAL FARM PRIMARILY CROP	20.7	15.8	20.9
TOTAL AGRIC. PROD. LIVESTOCK	14.1	13.9	14.1
BEEF CATTLE FEED LOTS	0.4	0.4	0.4
BEEF CATTLE EXCEPT FEED LOTS	1.5	1.4	1.6
DAIRY FARMS	8.2	8.0	8.1
POULTRY & EGGS	2.9	3.0	2.8
OTHER LIVESTOCK	1.1	1.1	1.2
TOTAL AGRICULTURAL SERVICES	68.3	52.1	85.2
CROP SERVICES	16.7	13.3	24.3
CROP PLANT-CULT-PROTECTION	3.0	2.9	4.0
CROP HARVEST PRIM. MACHINE	2.3	2.0	2.7
CROP PREP. SERV. FOR MARKET	10.5	7.6	16.7
COTTON GINNING	0.9	0.8	0.9
TOTAL FARM LABOR & MANAGEMENT	51.6	38.8	60.9
FARM LABOR CONTRACTORS	48.5	36.2	53.5
FARM MANAGEMENT SERVICES	3.1	2.6	7.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	158.2	123.3
TOTAL AGRIC. PROD. CROPS	81.1	62.6
TOTAL FIELD CROPS	11.3	8.3
COTTON	7.6	5.6
OTHER FIELD CROPS	3.7	2.7
VEGETABLES AND MELONS	5.9	6.0
TOTAL FRUIT AND TREE NUTS	42.6	32.3
GRAPES	18.0	14.4
TREE NUTS	3.4	2.7
CITRUS FRUITS	2.0	1.9
DECIDUOUS TREE FRUIT	10.7	7.5
OTHER FRUITS AND NUTS	8.5	5.8
HORTICULTURAL SPECIALTIES	2.9	2.4
GENERAL FARM PRIMARILY CROP	18.4	13.6
TOTAL AGRIC. PROD. LIVESTOCK	12.9	12.5
BEEF CATTLE FEED LOTS	0.3	0.3
BEEF CATTLE EXCEPT FEED LOTS	1.3	1.2
DAIRY FARMS	7.6	7.4
POULTRY & EGGS	2.6	2.6
OTHER LIVESTOCK	1.1	1.0
TOTAL AGRICULTURAL SERVICES	64.2	48.2
CROP SERVICES	13.6	10.4
CROP PLANT-CULT-PROTECTION	2.4	2.2
CROP HARVEST PRIM. MACHINE	2.0	1.7
CROP PREP. SERV. FOR MARKET	8.7	5.9
COTTON GINNING	0.5	0.6
TOTAL FARM LABOR & MANAGEMENT	50.6	37.8
FARM LABOR CONTRACTORS	47.9	35.5
FARM MANAGEMENT SERVICES	2.7	2.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	242.52	241.70
TOTAL AGRIC. PROD. CROPS	251.94	250.13
TOTAL FIELD CROPS	320.30	291.45
COTTON	322.75	264.91
OTHER FIELD CROPS	315.06	345.62
VEGETABLES AND MELONS	248.51	271.64
TOTAL FRUIT AND TREE NUTS	227.01	224.95
GRAPES	229.19	228.33
TREE NUTS	252.70	274.67
CITRUS FRUITS	225.30	217.45
DECIDUOUS TREE FRUIT	220.60	206.35
OTHER FRUITS AND NUTS	218.72	220.78
HORTICULTURAL SPECIALTIES	324.22	280.90
GENERAL FARM PRIMARILY CROP	257.23	269.24
TOTAL AGRIC. PROD. LIVESTOCK	339.18	343.53
BEEF CATTLE FEED LOTS	428.82	416.85
BEEF CATTLE EXCEPT FEED LOTS	349.39	359.84
DAIRY FARMS	346.63	351.79
POULTRY & EGGS	294.59	296.34
OTHER LIVESTOCK	352.51	359.04
TOTAL AGRICULTURAL SERVICES	212.66	204.97
CROP SERVICES	270.33	301.27
CROP PLANT-CULT-PROTECTION	278.43	303.36
CROP HARVEST PRIM. MACHINE	400.65	421.34
CROP PREP. SERV. FOR MARKET	230.20	254.91
COTTON GINNING	392.15	399.80
TOTAL FARM LABOR & MANAGEMENT	196.67	178.37
FARM LABOR CONTRACTORS	190.58	169.34
FARM MANAGEMENT SERVICES	304.92	319.82

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	43.0	41.6
TOTAL AGRIC. PROD. CROPS	44.2	43.5
TOTAL FIELD CROPS	50.6	47.7
COTTON	49.2	44.3
OTHER FIELD CROPS	53.4	54.6
VEGETABLES AND MELONS	46.8	45.5
TOTAL FRUIT AND TREE NUTS	41.2	40.9
GRAPES	41.0	40.7
TREE NUTS	42.4	45.4
CITRUS FRUITS	32.7	35.3
DECIDUOUS TREE FRUIT	42.1	40.7
OTHER FRUITS AND NUTS	41.9	41.5
HORTICULTURAL SPECIALTIES	43.0	41.8
GENERAL FARM PRIMARILY CROP	46.6	46.5
TOTAL AGRIC. PROD. LIVESTOCK	50.1	49.5
BEEF CATTLE FEED LOTS	61.7	60.5
BEEF CATTLE EXCEPT FEED LOTS	50.2	48.3
DAIRY FARMS	50.9	50.4
POULTRY & EGGS	44.5	44.9
OTHER LIVESTOCK	53.9	52.8
TOTAL AGRICULTURAL SERVICES	40.2	37.2
CROP SERVICES	44.1	47.0
CROP PLANT-CULT-PROTECTION	43.1	48.0
CROP HARVEST PRIM. MACHINE	62.7	61.6
CROP PREP. SERV. FOR MARKET	40.6	43.5
COTTON GINNING	34.1	33.4
TOTAL FARM LABOR & MANAGEMENT	39.1	34.5
FARM LABOR CONTRACTORS	38.5	33.4
FARM MANAGEMENT SERVICES	50.4	51.5

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	5.64	5.81
TOTAL AGRIC. PROD. CROPS	5.70	5.75
TOTAL FIELD CROPS	6.33	6.11
COTTON	6.56	5.98
OTHER FIELD CROPS	5.90	6.33
VEGETABLES AND MELONS	5.31	5.97
TOTAL FRUIT AND TREE NUTS	5.51	5.50
GRAPES	5.59	5.61
TREE NUTS	5.96	6.05
CITRUS FRUITS	6.89	6.16
DECIDUOUS TREE FRUIT	5.24	5.07
OTHER FRUITS AND NUTS	5.22	5.32
HORTICULTURAL SPECIALTIES	7.54	6.72
GENERAL FARM PRIMARILY CROP	5.52	5.79
TOTAL AGRIC. PROD. LIVESTOCK	6.77	6.94
BEEF CATTLE FEED LOTS	6.95	6.89
BEEF CATTLE EXCEPT FEED LOTS	6.96	7.45
DAIRY FARMS	6.81	6.98
POULTRY & EGGS	6.62	6.60
OTHER LIVESTOCK	6.54	6.80
TOTAL AGRICULTURAL SERVICES	5.29	5.51
CROP SERVICES	6.13	6.41
CROP PLANT-CULT-PROTECTION	6.46	6.32
CROP HARVEST PRIM. MACHINE	6.39	6.84
CROP PREP. SERV. FOR MARKET	5.67	5.86
COTTON GINNING	11.50	11.97
TOTAL FARM LABOR & MANAGEMENT	5.03	5.17
FARM LABOR CONTRACTORS	4.95	5.07
FARM MANAGEMENT SERVICES	6.05	6.21

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991	MAY 1990
TOTAL AGRICULTURAL	79.6	75.5	73.1
TOTAL AGRIC. PROD. CROPS	54.0	52.3	54.6
VEGETABLES AND MELONS	11.8	11.0	10.2
TOTAL FRUIT AND TREE NUTS	22.7	22.3	23.4
BERRIES	17.1	16.8	18.5
GRAPES	1.2	1.2	0.8
CITRUS FRUITS	2.0	1.9	2.0
OTHER FRUITS AND NUTS	2.4	2.4	2.1
TOTAL HORTICULTURAL SPECIALTIES	15.7	15.4	17.0
ORNAMENTAL FLORAL & NURS PRD	15.1	14.8	16.2
FOOD CROPS GROWN UNDR COVER	0.6	0.6	0.8
GENERAL FARM PRIMARILY CROP	3.8	3.6	4.0
TOTAL AGRIC. PROD. LIVESTOCK	2.9	2.9	2.9
TOTAL AGRICULTURAL SERVICES	22.7	20.3	15.6
CROP SERVICES	5.4	5.0	5.1
CROP HARVEST PRIM. MACHINE	2.4	2.3	1.7
CROP PREP. SERV. FOR MARKET	3.0	2.7	3.4
TOTAL FARM LABOR & MANAGEMENT	17.3	15.3	10.5
FARM LABOR CONTRACTORS	15.0	13.0	8.1
FARM MANAGEMENT SERVICES	2.3	2.3	2.4

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	71.9	67.2
TOTAL AGRIC. PROD. CROPS	48.6	46.7
VEGETABLES AND MELONS	10.2	9.4
TOTAL FRUIT AND TREE NUTS	21.9	21.6
BERRIES	16.7	16.6
GRAPES	1.1	1.1
CITRUS FRUITS	1.8	1.7
OTHER FRUITS AND NUTS	2.3	2.2
TOTAL HORTICULTURAL SPECIALTIES	12.9	12.4
ORNAMENTAL FLORAL & NURS PRD	12.4	11.9
FOOD CROPS GROWN UNDR COVER	0.5	0.5
GENERAL FARM PRIMARILY CROP	3.6	3.3
TOTAL AGRIC. PROD. LIVESTOCK	2.1	2.0
TOTAL AGRICULTURAL SERVICES	21.2	18.5
CROP SERVICES	5.0	4.6
CROP HARVEST PRIM. MACHINE	2.3	2.2
CROP PREP. SERV. FOR MARKET	2.7	2.4
TOTAL FARM LABOR & MANAGEMENT	16.2	13.9
FARM LABOR CONTRACTORS	14.2	12.0
FARM MANAGEMENT SERVICES	2.0	1.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	283.29	291.94
TOTAL AGRIC. PROD. CROPS	292.79	298.17
VEGETABLES AND MELONS	310.95	341.69
TOTAL FRUIT AND TREE NUTS	277.99	279.00
BERRIES	270.22	276.95
GRAPES	359.46	271.92
CITRUS FRUITS	304.02	310.64
OTHER FRUITS AND NUTS	274.37	272.90
TOTAL HORTICULTURAL SPECIALTIES	290.14	290.32
ORNAMENTAL FLORAL & NURS PRD	289.61	290.31
FOOD CROPS GROWN UNDR COVER	301.47	292.19
GENERAL FARM PRIMARILY CROP	338.56	330.04
TOTAL AGRIC. PROD. LIVESTOCK	290.84	272.85
TOTAL AGRICULTURAL SERVICES	260.94	278.24
CROP SERVICES	294.23	310.78
CROP HARVEST PRIM. MACHINE	291.13	285.52
CROP PREP. SERV. FOR MARKET	295.68	334.14
TOTAL FARM LABOR & MANAGEMENT	250.86	267.85
FARM LABOR CONTRACTORS	245.84	265.67
FARM MANAGEMENT SERVICES	284.69	281.42

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	42.6	44.3
TOTAL AGRIC. PROD. CROPS	44.7	46.3
VEGETABLES AND MELONS	45.0	46.3
TOTAL FRUIT AND TREE NUTS	42.9	46.5
BERRIES	41.7	47.1
GRAPES	50.7	37.3
CITRUS FRUITS	42.7	44.0
OTHER FRUITS AND NUTS	47.8	48.3
TOTAL HORTICULTURAL SPECIALTIES	47.1	46.6
ORNAMENTAL FLORAL & NURS PRD	47.4	46.9
FOOD CROPS GROWN UNDR COVER	38.7	38.7
GENERAL FARM PRIMARILY CROP	46.0	44.3
TOTAL AGRIC. PROD. LIVESTOCK	44.0	42.7
TOTAL AGRICULTURAL SERVICES	37.6	39.3
CROP SERVICES	39.6	37.9
CROP HARVEST PRIM. MACHINE	36.3	34.4
CROP PREP. SERV. FOR MARKET	42.3	41.1
TOTAL FARM LABOR & MANAGEMENT	37.0	39.8
FARM LABOR CONTRACTORS	36.1	39.3
FARM MANAGEMENT SERVICES	43.2	42.9

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	6.65	6.59
TOTAL AGRIC. PROD. CROPS	6.55	6.44
VEGETABLES AND MELONS	6.91	7.38
TOTAL FRUIT AND TREE NUTS	6.48	6.00
BERRIES	6.48	5.88
GRAPES	7.09	7.29
CITRUS FRUITS	7.12	7.06
OTHER FRUITS AND NUTS	5.74	5.65
TOTAL HORTICULTURAL SPECIALTIES	6.16	6.23
ORNAMENTAL FLORAL & NURS PRD	6.11	6.19
FOOD CROPS GROWN UNDR COVER	7.79	7.55
GENERAL FARM PRIMARILY CROP	7.36	7.45
TOTAL AGRIC. PROD. LIVESTOCK	6.61	6.39
TOTAL AGRICULTURAL SERVICES	6.94	7.08
CROP SERVICES	7.43	8.20
CROP HARVEST PRIM. MACHINE	8.02	8.30
CROP PREP. SERV. FOR MARKET	6.99	8.13
TOTAL FARM LABOR & MANAGEMENT	6.78	6.73
FARM LABOR CONTRACTORS	6.81	6.76
FARM MANAGEMENT SERVICES	6.59	6.56

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991	MAY 1990
TOTAL AGRICULTURAL	64.7	50.5	63.1
TOTAL AGRIC. PROD. CROPS	41.1	30.6	40.2
VEGETABLES AND MELONS	13.2	9.1	12.2
TOTAL FRUIT AND TREE NUTS	14.7	9.6	14.7
BERRIES	11.5	7.0	11.2
GRAPES	1.4	1.2	1.6
DECIDUOUS TREE FRUIT	0.9	0.7	1.0
OTHER FRUITS AND NUTS	0.9	0.7	0.9
TOTAL HORTICULTURAL SPECIALTIES	9.8	9.3	10.3
ORNAMENTAL FLORAL & NURS PRD	7.8	7.2	8.1
FOOD CROPS GROWN UNDR COVER	2.0	2.1	2.2
GENERAL FARM PRIMARILY CROP	3.4	2.6	3.0
TOTAL AGRIC. PROD. LIVESTOCK	1.3	1.2	1.2
TOTAL AGRICULTURAL SERVICES	22.3	18.7	21.7
CROP SERVICES	10.6	8.9	10.9
CROP HARVEST PRIM. MACHINE	4.3	3.7	4.1
CROP PREP. SERV. FOR MARKET	6.3	5.2	6.8
TOTAL FARM LABOR & MANAGEMENT	11.7	9.8	10.8
FARM LABOR CONTRACTORS	11.1	9.5	10.2
FARM MANAGEMENT SERVICES	0.6	0.3	0.6

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	60.4	46.0
TOTAL AGRIC. PROD. CROPS	38.0	27.4
VEGETABLES AND MELONS	12.4	8.3
TOTAL FRUIT AND TREE NUTS	14.2	9.1
BERRIES	11.3	6.8
GRAPES	1.2	1.0
DECIDUOUS TREE FRUIT	0.8	0.6
OTHER FRUITS AND NUTS	0.9	0.7
TOTAL HORTICULTURAL SPECIALTIES	8.1	7.6
ORNAMENTAL FLORAL & NURS PRD	6.3	5.8
FOOD CROPS GROWN UNDR COVER	1.8	1.8
GENERAL FARM PRIMARILY CROP	3.3	2.4
TOTAL AGRIC. PROD. LIVESTOCK	1.0	0.9
TOTAL AGRICULTURAL SERVICES	21.4	17.7
CROP SERVICES	9.9	8.3
CROP HARVEST PRIM. MACHINE	4.0	3.4
CROP PREP. SERV. FOR MARKET	5.9	4.9
TOTAL FARM LABOR & MANAGEMENT	11.5	9.4
FARM LABOR CONTRACTORS	10.9	9.2
FARM MANAGEMENT SERVICES	0.6	0.2

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	313.65	306.59
TOTAL AGRIC. PROD. CROPS	316.25	316.44
VEGETABLES AND MELONS	383.84	376.25
TOTAL FRUIT AND TREE NUTS	245.97	259.45
BERRIES	237.32	249.02
GRAPES	299.85	329.93
DECIDUOUS TREE FRUIT	238.58	228.31
OTHER FRUITS AND NUTS	297.11	292.98
TOTAL HORTICULTURAL SPECIALTIES	329.49	318.05
ORNAMENTAL FLORAL & NURS PRD	305.28	290.95
FOOD CROPS GROWN UNDR COVER	414.32	406.88
GENERAL FARM PRIMARILY CROP	330.29	316.87
TOTAL AGRIC. PROD. LIVESTOCK	302.30	342.50
TOTAL AGRICULTURAL SERVICES	308.51	290.29
CROP SERVICES	331.35	323.88
CROP HARVEST PRIM. MACHINE	300.67	288.12
CROP PREP. SERV. FOR MARKET	352.77	349.18
TOTAL FARM LABOR & MANAGEMENT	287.86	259.92
FARM LABOR CONTRACTORS	284.36	258.82
FARM MANAGEMENT SERVICES	362.58	327.89

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	42.5	42.7
TOTAL AGRIC. PROD. CROPS	43.5	45.4
VEGETABLES AND MELONS	48.1	50.1
TOTAL FRUIT AND TREE NUTS	35.7	40.1
BERRIES	34.9	40.1
GRAPES	38.1	41.5
DECIDUOUS TREE FRUIT	40.3	37.8
OTHER FRUITS AND NUTS	39.3	40.3
TOTAL HORTICULTURAL SPECIALTIES	48.1	45.5
ORNAMENTAL FLORAL & NURS PRD	47.7	44.9
FOOD CROPS GROWN UNDR COVER	49.5	47.7
GENERAL FARM PRIMARILY CROP	48.5	48.6
TOTAL AGRIC. PROD. LIVESTOCK	40.2	43.3
TOTAL AGRICULTURAL SERVICES	40.7	38.5
CROP SERVICES	42.7	43.3
CROP HARVEST PRIM. MACHINE	43.2	42.0
CROP PREP. SERV. FOR MARKET	42.4	44.2
TOTAL FARM LABOR & MANAGEMENT	38.9	34.2
FARM LABOR CONTRACTORS	38.9	34.1
FARM MANAGEMENT SERVICES	39.8	41.4

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	7.38	7.18
TOTAL AGRIC. PROD. CROPS	7.27	6.97
VEGETABLES AND MELONS	7.98	7.51
TOTAL FRUIT AND TREE NUTS	6.89	6.47
BERRIES	6.80	6.21
GRAPES	7.87	7.95
DECIDUOUS TREE FRUIT	5.92	6.04
OTHER FRUITS AND NUTS	7.56	7.27
TOTAL HORTICULTURAL SPECIALTIES	6.85	6.99
ORNAMENTAL FLORAL & NURS PRD	6.40	6.48
FOOD CROPS GROWN UNDR COVER	8.37	8.53
GENERAL FARM PRIMARILY CROP	6.81	6.52
TOTAL AGRIC. PROD. LIVESTOCK	7.52	7.91
TOTAL AGRICULTURAL SERVICES	7.58	7.54
CROP SERVICES	7.76	7.48
CROP HARVEST PRIM. MACHINE	6.96	6.86
CROP PREP. SERV. FOR MARKET	8.32	7.90
TOTAL FARM LABOR & MANAGEMENT	7.40	7.60
FARM LABOR CONTRACTORS	7.31	7.59
FARM MANAGEMENT SERVICES	9.11	7.92

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991	MAY 1990
TOTAL AGRICULTURAL	49.8	41.6	42.5
TOTAL AGRIC. PROD. CROPS	14.8	12.4	14.0
FIELD CROPS	1.8	1.7	1.7
VEGETABLES AND MELONS	2.5	2.0	2.8
TOTAL FRUIT AND TREE NUTS	6.3	5.3	4.5
GRAPES	4.0	3.2	2.0
CITRUS FRUITS	0.6	1.0	1.1
OTHER FRUITS AND NUTS	1.7	1.1	1.4
HORTICULTURAL SPECIALTIES	1.1	1.0	1.1
GENERAL FARM PRIMARILY CROP	3.1	2.4	3.9
TOTAL AGRIC. PROD. LIVESTOCK	5.2	5.5	5.5
DAIRY FARMS	2.3	2.4	2.4
CHICKEN EGGS	1.3	1.3	1.4
OTHER LIVESTOCK	1.6	1.8	1.7
TOTAL AGRICULTURAL SERVICES	29.8	23.7	23.0
CROP SERVICES	8.8	8.0	7.9
CROP PLANT-CULT-PROTECTION	0.8	0.7	0.7
CROP HARVEST PRIM. MACHINE	1.2	1.1	1.4
CROP PREP. SERV. FOR MARKET	6.8	6.2	5.8
TOTAL FARM LABOR & MANAGEMENT	21.0	15.7	15.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	46.3	38.3
TOTAL AGRIC. PROD. CROPS	13.5	11.3
FIELD CROPS	1.5	1.5
VEGETABLES AND MELONS	2.4	2.0
TOTAL FRUIT AND TREE NUTS	6.0	5.0
GRAPES	3.8	3.0
CITRUS FRUITS	0.6	1.0
OTHER FRUITS AND NUTS	1.6	1.0
HORTICULTURAL SPECIALTIES	0.9	0.8
GENERAL FARM PRIMARILY CROP	2.7	2.0
TOTAL AGRIC. PROD. LIVESTOCK	4.3	4.5
DAIRY FARMS	2.1	2.2
CHICKEN EGGS	0.9	0.9
OTHER LIVESTOCK	1.3	1.4
TOTAL AGRICULTURAL SERVICES	28.5	22.5
CROP SERVICES	8.2	7.4
CROP PLANT-CULT-PROTECTION	0.7	0.6
CROP HARVEST PRIM. MACHINE	1.1	1.0
CROP PREP. SERV. FOR MARKET	6.4	5.8
TOTAL FARM LABOR & MANAGEMENT	20.3	15.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	219.77	230.98
TOTAL AGRIC. PROD. CROPS	251.26	270.06
FIELD CROPS	323.71	318.90
VEGETABLES AND MELONS	273.31	288.99
TOTAL FRUIT AND TREE NUTS	174.24	206.15
GRAPES	158.07	161.82
CITRUS FRUITS	249.53	279.17
OTHER FRUITS AND NUTS	186.12	266.24
HORTICULTURAL SPECIALTIES	355.75	303.96
GENERAL FARM PRIMARILY CROP	324.38	359.90
TOTAL AGRIC. PROD. LIVESTOCK	407.19	383.80
DAIRY FARMS	486.03	467.59
CHICKEN EGGS	267.41	257.42
OTHER LIVESTOCK	374.53	332.22
TOTAL AGRICULTURAL SERVICES	176.46	180.22
CROP SERVICES	246.87	232.47
CROP PLANT-CULT-PROTECTION	326.55	347.63
CROP HARVEST PRIM. MACHINE	206.79	211.32
CROP PREP. SERV. FOR MARKET	245.38	223.45
TOTAL FARM LABOR & MANAGEMENT	148.11	154.46

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	34.5	35.7
TOTAL AGRIC. PROD. CROPS	42.3	44.2
FIELD CROPS	50.5	50.3
VEGETABLES AND MELONS	46.8	50.7
TOTAL FRUIT AND TREE NUTS	33.0	35.3
GRAPES	33.0	32.3
CITRUS FRUITS	35.8	39.1
OTHER FRUITS AND NUTS	32.2	40.4
HORTICULTURAL SPECIALTIES	48.8	44.7
GENERAL FARM PRIMARILY CROP	51.9	55.2
TOTAL AGRIC. PROD. LIVESTOCK	49.0	45.8
DAIRY FARMS	48.7	46.9
CHICKEN EGGS	44.2	42.2
OTHER LIVESTOCK	52.9	46.4
TOTAL AGRICULTURAL SERVICES	28.6	29.4
CROP SERVICES	39.0	36.9
CROP PLANT-CULT-PROTECTION	52.5	53.4
CROP HARVEST PRIM. MACHINE	33.9	36.0
CROP PREP. SERV. FOR MARKET	38.4	35.3
TOTAL FARM LABOR & MANAGEMENT	24.4	25.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	6.37	6.47
TOTAL AGRIC. PROD. CROPS	5.94	6.11
FIELD CROPS	6.41	6.34
VEGETABLES AND MELONS	5.84	5.70
TOTAL FRUIT AND TREE NUTS	5.28	5.84
GRAPES	4.79	5.01
CITRUS FRUITS	6.97	7.14
OTHER FRUITS AND NUTS	5.78	6.59
HORTICULTURAL SPECIALTIES	7.29	6.80
GENERAL FARM PRIMARILY CROP	6.25	6.52
TOTAL AGRIC. PROD. LIVESTOCK	8.31	8.38
DAIRY FARMS	9.98	9.97
CHICKEN EGGS	6.05	6.10
OTHER LIVESTOCK	7.08	7.16
TOTAL AGRICULTURAL SERVICES	6.17	6.13
CROP SERVICES	6.33	6.30
CROP PLANT-CULT-PROTECTION	6.22	6.51
CROP HARVEST PRIM. MACHINE	6.10	5.87
CROP PREP. SERV. FOR MARKET	6.39	6.33
TOTAL FARM LABOR & MANAGEMENT	6.07	6.01

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991	MAY 1990
TOTAL AGRICULTURAL	33.8	29.3	31.2
TOTAL AGRIC. PROD. CROPS	23.4	19.8	21.8
RICE	2.0	1.9	1.8
VEGETABLES AND MELONS	2.1	1.6	2.0
TOTAL FRUIT AND TREE NUTS	8.2	6.6	7.6
TREE NUTS	1.8	1.9	1.8
DECIDUOUS TREE FRUIT	3.8	2.4	3.9
OTHER FRUITS AND NUTS	2.6	2.3	1.9
HORTICULTURAL SPECIALTIES	2.5	2.5	2.4
GENERAL FARM PRIMARILY CROP	8.6	7.2	8.0
TOTAL AGRIC. PROD. LIVESTOCK	2.2	2.1	2.2
TOTAL AGRICULTURAL SERVICES	8.2	7.4	7.2
CROP SERVICES	2.9	2.7	2.9
CROP HARVEST PRIM. MACHINE	1.3	1.1	1.6
CROP PREP. SERV. FOR MARKET	1.6	1.6	1.3
TOTAL FARM LABOR & MANAGEMENT	5.3	4.7	4.3

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	31.0	25.9
TOTAL AGRIC. PROD. CROPS	21.4	17.4
RICE	1.7	1.4
VEGETABLES AND MELONS	2.0	1.4
TOTAL FRUIT AND TREE NUTS	7.5	5.9
TREE NUTS	1.6	1.7
DECIDUOUS TREE FRUIT	3.6	2.2
OTHER FRUITS AND NUTS	2.3	2.0
HORTICULTURAL SPECIALTIES	2.2	2.2
GENERAL FARM PRIMARILY CROP	8.0	6.5
TOTAL AGRIC. PROD. LIVESTOCK	2.0	1.9
TOTAL AGRICULTURAL SERVICES	7.6	6.6
CROP SERVICES	2.5	2.3
CROP HARVEST PRIM. MACHINE	1.1	0.9
CROP PREP. SERV. FOR MARKET	1.4	1.4
TOTAL FARM LABOR & MANAGEMENT	5.1	4.3

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	283.82	271.95
TOTAL AGRIC. PROD. CROPS	285.76	275.95
RICE	363.55	323.44
VEGETABLES AND MELONS	370.20	346.79
TOTAL FRUIT AND TREE NUTS	242.52	258.31
TREE NUTS	266.04	267.35
DECIDUOUS TREE FRUIT	226.70	246.85
OTHER FRUITS AND NUTS	250.65	263.11
HORTICULTURAL SPECIALTIES	278.03	255.90
GENERAL FARM PRIMARILY CROP	291.83	272.38
TOTAL AGRIC. PROD. LIVESTOCK	350.17	351.74
TOTAL AGRICULTURAL SERVICES	259.60	238.10
CROP SERVICES	281.44	229.22
CROP HARVEST PRIM. MACHINE	297.47	210.59
CROP PREP. SERV. FOR MARKET	268.77	241.18
TOTAL FARM LABOR & MANAGEMENT	248.46	242.09

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	48.6	45.4
TOTAL AGRIC. PROD. CROPS	49.1	46.3
RICE	54.1	45.3
VEGETABLES AND MELONS	60.0	51.3
TOTAL FRUIT AND TREE NUTS	43.0	45.8
TREE NUTS	45.4	45.7
DECIDUOUS TREE FRUIT	40.7	44.8
OTHER FRUITS AND NUTS	45.0	46.9
HORTICULTURAL SPECIALTIES	44.7	43.3
GENERAL FARM PRIMARILY CROP	52.3	46.8
TOTAL AGRIC. PROD. LIVESTOCK	48.5	45.8
TOTAL AGRICULTURAL SERVICES	47.2	42.9
CROP SERVICES	43.1	36.5
CROP HARVEST PRIM. MACHINE	44.8	32.7
CROP PREP. SERV. FOR MARKET	41.8	38.9
TOTAL FARM LABOR & MANAGEMENT	49.2	46.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	5.84	5.99
TOTAL AGRIC. PROD. CROPS	5.82	5.96
RICE	6.72	7.14
VEGETABLES AND MELONS	6.17	6.76
TOTAL FRUIT AND TREE NUTS	5.64	5.64
TREE NUTS	5.86	5.85
DECIDUOUS TREE FRUIT	5.57	5.51
OTHER FRUITS AND NUTS	5.57	5.61
HORTICULTURAL SPECIALTIES	6.22	5.91
GENERAL FARM PRIMARILY CROP	5.58	5.82
TOTAL AGRIC. PROD. LIVESTOCK	7.22	7.68
TOTAL AGRICULTURAL SERVICES	5.50	5.55
CROP SERVICES	6.53	6.28
CROP HARVEST PRIM. MACHINE	6.64	6.44
CROP PREP. SERV. FOR MARKET	6.43	6.20
TOTAL FARM LABOR & MANAGEMENT	5.05	5.24

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991	MAY 1990
TOTAL AGRICULTURAL	12.7	10.9	13.5
TOTAL AGRIC. PROD. CROPS	9.1	7.7	9.7
TOTAL FRUIT AND TREE NUTS	7.1	6.0	8.1
GRAPES	6.1	5.0	7.1
OTHER FRUITS AND NUTS	1.0	1.0	1.0
TOTAL HORTICULTURAL SPECIALTIES	1.5	1.3	1.2
GENERAL FARM PRIMARILY CROP (2)	0.5	0.4	0.4
TOTAL AGRIC. PROD. LIVESTOCK	2.0	2.0	2.0
TOTAL AGRICULTURAL SERVICES	1.6	1.2	1.8

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, OR HOURS AND EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	10.2	8.4
TOTAL AGRIC. PROD. CROPS	7.2	5.7
TOTAL FRUIT AND TREE NUTS	5.6	4.3
GRAPES	4.7	3.5
OTHER FRUITS AND NUTS	0.9	0.8
TOTAL HORTICULTURAL SPECIALTIES	1.2	1.1
TOTAL AGRIC. PROD. LIVESTOCK	1.6	1.6
TOTAL AGRICULTURAL SERVICES	1.4	1.1

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	300.77	298.64
TOTAL AGRIC. PROD. CROPS	286.34	284.49
TOTAL FRUIT AND TREE NUTS	296.06	295.65
GRAPES	312.78	313.29
OTHER FRUITS AND NUTS	209.04	220.77
TOTAL HORTICULTURAL SPECIALTIES	213.47	239.55
TOTAL AGRIC. PROD. LIVESTOCK	309.73	315.21
TOTAL AGRICULTURAL SERVICES	366.77	350.60

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	41.6	42.3
TOTAL AGRIC. PROD. CROPS	38.8	39.9
TOTAL FRUIT AND TREE NUTS	39.9	40.5
GRAPES	40.1	40.9
OTHER FRUITS AND NUTS	39.0	38.8
TOTAL HORTICULTURAL SPECIALTIES	34.1	39.4
TOTAL AGRIC. PROD. LIVESTOCK	47.0	47.4
TOTAL AGRICULTURAL SERVICES	49.9	47.7

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	MAY 1991	APR 1991
TOTAL AGRICULTURAL	7.23	7.06
TOTAL AGRIC. PROD. CROPS	7.38	7.13
TOTAL FRUIT AND TREE NUTS	7.42	7.30
GRAPES	7.80	7.66
OTHER FRUITS AND NUTS	5.36	5.69
TOTAL HORTICULTURAL SPECIALTIES	6.26	6.08
TOTAL AGRIC. PROD. LIVESTOCK	6.59	6.65
TOTAL AGRICULTURAL SERVICES	7.35	7.35

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.